



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/561,124
Filing Date	June 15, 2006
First Named Inventor	Mordechay BEYAR et al
Art Unit	
Examiner Name	

Sheet 1 of 7 Attorney Docket Number 35033

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
1	1,175,530		14-Mar-1916	Kirchhoff	
2	2002/0068939		06-Jun-2002	Levy et al.	
3	2002/0068974		06-Jun-2002	Kuslich et al.	
4	2002/0191487		19-Dec-2002	Sand	
5	2003/0109883		12-Jun-2003	Matsuzaki et al.	
6	2003/0174576		18-Sep-2003	Tague et al.	
7	2003/040718		27-Feb-2003	Kust et al.	
8	2004/0167625		26-Aug-2004	Beyar et al.	
9	2004/0236313		25-Nov-2004	Klein	
10	2004/0260303		23-Dec-2004	Carrison	
11	2004/054377		18-Mar-2004	Foster et al.	
12	2004/059283		25-Mar-2004	Kirwan et al.	
13	2005/0083782		21-Apr-2005	Gronau et al.	
14	2006/0264967		23-Nov-2006	Ferreyro et al.	
15	2007/0282443		06-Dec-2007	Globerman et al.	
16	2,067,458		14-Feb-1989	Nichols	
17	3,058,413		16-Oct-1962	Cavalieri	
18	3,063,449		13-Nov-1962	Schultz	
19	3,075,746		29-Jan-1963	Yablonski et al.	
20	3,224,744		21-Dec-1965	Broomall	
21	3,426,364		11-Feb-1969	Lumb	
22	3,867,728		25-Feb-1975	Stubsted et al.	
23	3,976,060		24-Aug-1976	Hildebrandt et al.	
24	4,011,602		15-Mar-1977	Rybicki et al.	
25	4,079,917		21-Mar-1978	Popeil	
26	4,115,346		19-Sep-1978	Gross et al.	
27	4,170,990		16-Oct-1979	Baumgart et al.	
28	4,185,072		22-Jan-1980	Puderbaugh et al.	
29	4,268,639		19-May-1981	Seidel et al.	

Examiner Signature	Date Considered
--------------------	-----------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				Complete if Known			
				Application Number		10/561,124	
				Filing Date		15-Jun-2006	
				First Named Inventor		Mordechay BEYAR et al	
				Art Unit			
				Examiner Name			
Sheet	2	Of	7	Attorney Docket Number	35033		
U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number-Kind Code ² (if known)					
	30	4,309,777	12-Jan-1982	Patil			
	31	4,313,434	02-Feb-1982	Segal			
	32	4,346,708	31-Aug-1982	LeVeen et al.			
	33	4,349,921	21-Sep-1982	Kuntz			
	34	4,453,539	12-Jun-1984	Raftopoulos et al.			
	35	4,494,535	22-Jan-1985	Haig			
	36	4,522,200	11-Jun-1985	Stednitz			
	37	4,554,914	26-Nov-1985	Kapp et al.			
	38	4,558,693	17-Dec-1985	Lash et al.			
	39	4,562,598	07-Jan-1986	Kranz			
	40	4,636,217	13-Jan-1987	Ogilvie et al.			
	41	4,653,487	31-Mar-1987	Maale			
	42	4,653,489	31-Mar-1987	Tronzo et al.			
	43	4,686,973	18-Aug-1987	Frisch			
	44	4,697,584	06-Oct-1987	Haynes			
	45	4,758,096	19-Jul-1988	Gunnarsson			
	46	4,759,769	26-Jul-1988	Hedman et al.			
	47	4,786,184	22-Nov-1988	Berezkina et al.			
	48	4,892,550	09-Jan-1990	Huebsch			
	49	4,932,969	12-Jun-1990	Frey et al.			
	50	4,935,029	19-Jun-1990	Matsutani et al.			
	51	4,961,647	09-Oct-1990	Coutts et al.			
	52	5,012,066	30-Apr-1991	Matsutani et al.			
	53	5,078,919	07-Jan-1991	Ashley et al.			
	54	5,102,413	07-Apr-1992	Poddar			
	55	5,112,333	12-May-1992	Fixel			
	56	5,116,335	26-May-1992	Hannon			
	57	5,122,400	16-Jun-1992	Stewart			
	58	5,131,382	21-Jul-1992	Meyer			
	59	5,209,753	11-May-1993	Biedermann et al.			
Examiner Signature				Date Considered			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

3

Of

7

Attorney Docket Number

35033

Complete if Known

Application Number	10/561,124
Filing Date	15-Jun-2006
First Named Inventor	Mordechay BEYAR et al
Art Unit	
Examiner Name	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	60	5,302,020	12-Apr-1994	Kruse	
	61	5,303,718	19-Apr-1994	Kajicek	
	62	5,333,951	02-Aug-1994	Wakoh	
	63	5,334,184	02-Aug-1994	Bimman	
	64	5,348,391	20-Sep-1994	Murray	
	65	5,415,474	16-May-1995	Nelson et al.	
	66	5,423,850	13-Jun-1995	Berger	
	67	5,445,639	29-Aug-1995	Kuslich et al	
	68	5,480,400	02-Jan-1996	Berger	
	69	5,480,403	02-Jan-1996	Lee	
	70	5,494,349	27-Feb-1996	Seddon	
	71	5,514,137	07-May-1996	Coutts	
	72	5,520,690	28-May-1996	Errico et al.	
	73	5,522,816	04-Jun-1996	Dinello et al.	
	74	5,522,899	04-Jun-1996	Michelson	
	75	5,534,028	09-Jul-1996	Bao et al.	
	76	5,549,380	27-Aug-1996	Lidgren et al.	
	77	5,549,381	27-Aug-1996	Hays et al.	
	78	5,549,679	27-Aug-1996	Kuslich	
	79	5,571,189	05-Nov-1996	Kuslich et al.	
	80	5,591,197	07-Jan-1997	Orth et al.	
	81	5,601,557	11-Feb-1997	Hayhurst	
	82	5,645,598	08-Jul-1997	Brosnahan III	
	83	5,658,310	19-Aug-1997	Berger	
	84	5,702,448	30-Dec-1997	Buechel et al.	
	85	5,704,895	06-Jan-1998	Scott et al.	
	86	5,782,713	21-Jul-1998	Yang	
	87	5,842,785	01-Dec-1998	Brown et al.	
	88	6,149,664	21-Nov-2000	Kurz	
	89	6,161,955	19-Dec-2000	Rademaker	

Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.
Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/561,124	
				Filing Date	15-Jun-2006	
				First Named Inventor	Mordechay BEYAR et al	
				Art Unit		
				Examiner Name		
Sheet		4	Of	7	Attorney Docket Number	
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
90		6,190,381	20-Feb-2001	Olsen et al.		
91		6,214,016	10-Apr-2001	Williams et al.		
92		6,224,604	01-May-2001	Suddaby		
93		6,228,082	08-May-2001	Baker et al.		
94		6,235,043	22-May-2001	Reiley et al.		
95		6,241,734	05-Jun-2001	Scribner et al.		
96		6,264,659	24-Jul-2001	Ross et al.		
97		6,348,055	19-Feb-2002	Preissman		
98		6,383,188	07-May-2002	Kuslich et al.		
99		6,383,190	07-May-2002	Preissman		
100		6,613,054	02-Sep-2003	Scribner et al.		
101		6,662,969	16-Dec-2003	Peeler et al.		
102		6,875,219	05-Apr-2005	Arramon et al		
103		6,957,747	25-Oct-2005	Peeler et al.		
104		6,974,247	13-Dec-2005	Frei et al.		
105		6,994,465	07-Feb-2006	Tague et al.		
106		7,029,163	18-Apr-2006	Barker et al.		
107		7,097,648	29-Aug-2006	Globerman et al.		
108		817,973	17-Apr-1906	Hausmann		
109		Des. 279,499	02-Jul-1985	Case		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
110		EP 0177781	16-Apr-1986	Draenert		
111		JP 02-122017	09-May-1990	Watanabe et al.		
112		JP 02-166235	26-Jun-1990	Serio et al.		
113		EP 0235905	09-Sep-1987	Al-Rawi		
114		EP 0475077	18-Mar-1992	Gogolewski et al.		
115		EP 0493789	08-Jul-1992	Mudr		
116		EP 0748615	18-Dec-1996	Berger		
117		RU 1011119	15-Apr-1983	Edinak		
118		RU 1049050	23-Oct-1983	Drobotun et al.		
119		EP 1074231	07-Feb-2001	Al-Assir		
Examiner Signature					Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.
Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known			
				Application Number	10/561,124		
Sheet 5 Of 7				Filing Date	15-Jun-2006		
				First Named Inventor	Mordechay BEYAR et al		
				Art Unit			
				Examiner Name			
Attorney Docket Number 35033							
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Documents		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
	120	EP 1464292		06-Oct-2004	Dimauro et al.		
	121	GB 2114005		17-Aug-1983	Baumgart et al.		
	122	GB 2197691		25-May-1988	Bron		
	123	FR 2629337		04-Oct-1989	Bigan		
	124	FR 2674119		25-Sep-1992	De La Caffifière		
	125	DE 2821785		22-Nov-1979	Dawidowski		
	126	DE 4315757		10-Nov-1994	Zippel et al.		
	127	JP 54-009110		23-Jan-1979	Oomine		
	128	RU 662082		15-May-1979	Polyanskij et al.		
	129	AU 9865136		22-Sep-1998	Beyar et al.		
	130	DE DD293485		05-Sep-1991	Fuhrmann		
	131	WO 00/06216		10-Feb-2000	Kirwan et al.		
	132	WO 02/02033		10-Jan-2002	Jaeggi et al.		
	133	WO 03/101596		11-Dec-2003	Jonsson		
	134	WO 2001/008571		08-Feb-2001	Dekel		
	135	WO 2003/061495		31-Jul-2003	Shavit et al.		
	136	WO 2004/019810		11-Mar-2004	Smith et al.		
	137	WO 2004/071543		26-Aug-2004	Bisig et al.		
	138	WO 2004/075965		10-Sep-2004	Sharow et al.		
	139	WO 2004/110292		23-Dec-2004	Vachten		
	140	WO 2005/032326		14-Apr-2005	Beyar et al.		
	141	WO 2005/048867		02-Jun-2005	Tague et al.		
	142	WO 2006/039159		13-Apr-2006	McGill et al.		
	143	WO 2007/148336		27-Dec-2007	Globerman et al.		
	144	WO 2008/004229		10-Jan-2008	Globerman et al.		
	145	WO 90/00037		11-Jan-1990	Michelson		
	146	WO 94/12112		09-Jun-1994	Klinge		
	147	WO 95/13862		26-May-1995	Murray		
	148	WO 96/11643		25-Apr-1996	Ray et al.		
	149	WO 96/19940		04-Jul-1996	Zinger		
	150	WO 96/37170		28-Nov-1996	Biedermann et al.		
	151	WO 97/28835		14-Aug-1997	Lang		
	152	WO 99/18894		22-Apr-1999	Preissman		
Examiner Signature					Date Considered		

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>			Complete if Known		
			Application Number		10/561,124
			Filing Date		June 15, 2006
			First Named Inventor		Mordechay BEYAR et al
			Group Art Unit		
			Examiner Name		
Sheet	6	Of	7	Attorney Docket Number	35033
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	153	Baroud et al. "Injection Biomechanics of Bone Cements Used in Vertebroplasty", Biomedical Materials and Engineering, 00: 1-18, 2004.			
	154	Canale et al. "Campbell's Operative Orthopaedics - Volume three - Ninth edition", Mosby: P. 2097,2121, 2184-2185, 2890-2896, 1998. Abstract.			
	155	Cole et al. "AIM Titanium Humeral Nail System", Surgical Technique, DePuy Orthopedics, 17 P., 2000.			
	156	Edeland "Some Additional Suggestions for An Intervertebral Disc Prothesis", Journal of Biomedical Engineering, XP008072822, 7(1): 57-62, January 1985. Figs.3a-3d.			
	157	Heini et al. "The Use of A Side-Opening Injection Cannula in Vertebroplasty", Spine, 27(1): 105-109, 2002.			
	158	Hernandez et al. "Influence of Powder Particle Size Distribution on Complex Viscosity and Other Properties of Acrylic Bone Cement for Vertebroplasty and Kyphoplasty", Journal of Biomedical Materials Research, Part. B: Applied Biomaterials, 77B: 98-103, 2006.			
	159	Ishikawa et al. "Effects of Neutral Sodium Hydrogen Phosphate on Setting Reaction and Mechanical Strength of Hydroxyapatite Putty", Journal of Biomedical Materials Research, 44: 322-329, 199.			
	160	Ishikawa et al. "Non-Decay Type Fast-Setting Calcium Phosphate Cement: Hydroxyapatite Putty Containing An Increased Amount of Sodium Alginate", Journal of Biomedical Materials Research, 36: 393-399, 1997.			
	161	Krause et al. "The Viscosity of Acrylic Bone Cements", Journal of Biomedical Materials Research, 16: 219-243, 1982.			
	162	Lewis "Properties of Acrylic Bone Cement: State of the Art Review", Journal of Biomedical Materials Research" Applied Biomaterials, 38(2): 155-182, 1997. P.158, § Viscosity, Table II.			
	163	Lewis "Toward Standardization of Methods of Determination of Fracture Properties of Acrylic Bone Cement and Statistical Analysis of Test Results", Journal of Biomedical Research: Applied Biomaterials, 53(6): 748-768, 2000.			
	164	Nussbaum et al. "The Chemistry of Acrylic Bone Cements and Implications for Clinical Use in Image-Guided Therapy", Journal of Vascular and Interventional Radiology, 15: 121-126, 2004.			
	165	Steen "Laser Surface Treatment", Laser Material Processing, Springer, 2nd Ed., Chap.6: 218-271, 2003.			
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Examiner Signature	/Paul Prebilic/	Date Considered	10/06/2009
-------------------------------	-----------------	----------------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard S1.5).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information

This collection of information is required by 37 CFR 1.32 and 37 CFR 1.14. The information is required to obtain or retain a benefit under the patent laws or the process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/